

**STATUS OF FY2009/2010 LANDPLAN GOALS, OBJECTIVES AND MILESTONES**

**An Assessment of progress on the 2009/2010 Land Plan as compiled by the Montana Base Map Service Center - Stewart Kirkpatrick, Chief - November 16, 2009**

Goals/Objectives and Milestones	Status
<p><b>GOAL 1: A statewide set of MSDI framework layers that are consistently collected, accurately maintained, and made commonly available</b></p>	<p><b>OVERALL STATUS - MSDI CAN BE SAID TO BE REASONABLY HEALTHY IN TERMS OF COLLECTION, MAINTENANCE AND AVAILABILITY</b></p>
<p><i>Objective 1.1 – Funding and administrative support for local, tribal, state and federal data collection efforts that will help develop and maintain multi-jurisdictional MSDI framework layers.</i></p>	<p>Status is ongoing</p>
<p>Milestone 1.1.1– Funding available from the MLIA account for MSDI framework layers will be prioritized and provided to grant applicants through the MLIA granting process</p>	<p>Approximately \$692,000 in MLIA funding, which includes \$300,000 to fund the 2009 NAIP, was approved and budgeted in FY2010 MLIA funds, to assist MSDI Stewards. Additionally approximately \$75,000 was approved and budgeted for local government projects that will contribute to MSDI efforts</p>
<p>Milestone 1.1.2 – Improve and implement the theme review process proposed by the GIO and endorsed by the Council and described in the MSDI Stewardship Review Process document.</p>	<p>The theme review process as originally proposed has not been implemented. An effort was undertaken by MAGIP to ascertain the status of each theme and any problems they may be experiencing. This was issued as a report to MLIAC at the June 2009 meeting. A technical review of that report by MAGIP yielded few technical issues. A policy review by MLIAC is scheduled for the December 2009 meeting.</p>

<p><b>GOAL 2 - A physical and organizational infrastructure that will support the long-term collection, maintenance, availability and use of digital land information.</b></p>	<p><b>OVERALL STATUS - THE PRESENT INFRASTRUCTURE APPEARS TO SUPPORT BASIC COLLECTION, MAINTENANCE AND DISTRIBUTION OF DIGITAL LAND INFORMATION. TECHNICAL AND INSTITUTIONAL CHANGE, ESPECIALLY IN THE AREAS OF BEST PRACTICES MAY IMPROVE EFFECIENCY</b></p>
<p><b><i>Objective 2.1 – An organizational framework and stable infrastructure that efficiently provides the human and technological resources needed to support the use and integration of digital land information into the critical business processes of local, tribal, state, federal, and other stakeholders.</i></b></p>	<p>The present infrastructure seems to allow integration of digital land information into critical business processes when and where the "integrator", usually meaning an individual agency has the resources to do the integration. There is some discussion on whether the infrastructure should provide additional resources that allow for easier and more efficient integration. MAGIP recommended that theme stewards meet to discuss standards and best practices regarding MSDI</p>
<p>Milestone 2.1.1 – A proposal from the GIO is presented to the Council that identifies viable alternatives for an organizational framework and infrastructure that will provide the human and technological resources necessary to provide efficient use of GIS and digital land information in the critical business processes of stakeholders throughout the State.</p>	<p>This was not completed. This milestone seems to imply that there are problems with the existing organizational framework and infrastructure however those implications have not been completely vetted or confirmed. They Framework Stewards are scheduled to meet in February 2010 to discuss these types of issues</p>
<p>Milestone 2.1.2 – A recommendation from the Council is prepared regarding an efficient and cost effective organizational structure for long-term support of MSDI framework layers and their integrated use by stakeholders.</p>	<p>This milestone is dependent on 2.1.1.</p>
<p>Milestone 2.1.3 – Refine and implement the recommendations put forth in the Base Map Service Center and Federated Technology Environment white papers.</p>	<p>The BMSC has been established and the general concept of a federated environment including the GIS Portal is in place.</p>

<p><b>Goal 3 – Permanent and secure funding for the consistent collection, accurate maintenance and common availability of MSDI framework layers.</b></p>	<p><b>OVERALL STATUS - WHILE LITTLE PROGRESS HAS BEEN MADE IN ACTUALLY OBTAINING SECURE FUNDING GOOD PROGRESS HAS BEEN MADE DEVELOPING A PROPOSAL THAT MAY PROVIDE THAT FUNDING</b></p>
<p><b><i>Objective 3.1 – Identify, develop, and propose secure funding mechanisms for the consistent collection, accurate maintenance, and common availability of all MSDI framework layers</i></b></p>	<p>In progress</p>
<p>Milestone 3.1.1 – A presentation to the Council of a clearly stated proposal for long-term funding for each of the MSDI framework layers. This proposal will include alternatives that compare the use of MLIA funds to support framework layers with other funding options.</p>	<p>A draft proposal will be presented at the MLIA December 2009 meeting. The proposal is a holistic approach to MSDI funding rather than breaking each individual theme out for separate funding. Alternative funding options were explored by the MLIAC Funding Subcommittee as they developed their preferred option</p>
<p>Milestone 3.1.2 – A recommendation from the Council of actions necessary to provide long-term secure funding for the long-term support for each of the MSDI framework layers.</p>	<p>This milestone awaits Council action at the December 1, 2009 meeting</p>
<p>Milestone 3.1.3 - Develop the ideas brought forth in the MAGIP/GIO sponsored funding session and documented in the GIO funding white paper.</p>	<p>These were discussed as the existing proposal was developed</p>
<p><b><i>Objective 3.2 – Fulfill the administrative and fiscal responsibilities assigned to the Department in the MLIA while supporting other GIS coordination needs.</i></b></p>	<p>In progress</p>

<p>Milestone 3.2.1: The Department will prepare and present to the Council a summarized annual funding report for overall MLIA administration costs and a proposed multi-year funding model for Statewide GIS coordination costs, including but not limited to the coordination of MLIA duties.</p>	<p>The report has not been completed. A limited budget for coordination costs is contained in the 2010/2011 Land Plan. The new funding proposal does propose a different method for funding Statewide GIS coordination</p>
<p>Milestone 3.2.2 – With advice from the Council, the GIO and the Department will develop and propose to the Governor, and with the Governor's approval to the 2011 Legislature, a funding model that will fairly distribute geospatial coordination costs between administration of the MLIA and other statewide GIS coordination activities.</p>	<p>See milestone 3.1.1</p>
<p>Milestone 3.2.3 – With advice from the Council, the GIO and the Department will review and if necessary, revise the MLIA administrative rules to address the land information plan schedule as it relates to the State fiscal calendar.</p>	<p>Change to Administrative Rule was tabled until work on funding issues has been completed</p>
<p><b>GOAL 4: Improved quality and efficiency in the business processes of stakeholders through leveraged partnerships, consistent availability of relevant critical land information and the use of GIS technology.</b></p>	<p><b>OVERALL STATUS - CERTAINLY SOME PROGRESS WAS MADE ON THE OBJECTIVES AND MILESTONES OF THIS GOAL HOWEVER THERE IS MUCH ROOM FOR IMPROVEMENT. THIS GOAL IS DIRECTLY RELATED TO THE APPEARANCE OF RELEVENCY OF THE TECHNOLOGY AND THE DATA.</b></p>
<p><b><i>Objective 4.1 – Integrated uses of geospatial data in the business and decision-making processes of state policy makers.</i></b></p>	<p>Some state, tribal, and local government agencies are making excellent progress in this area however there needs to be continued support for application development</p>

<p>Milestone 4.1.1 – The completion of one or more projects demonstrating how MSDI framework layers, GIS tools and technology, and other digital land information can be used to support priority core business processes and efficiently answer critical land information questions.</p>	<p>While not necessarily GIO or MLIAC driven, certainly projects such as the FWP Wildlife Corridor project or the Dept. of Revenue agricultural appraisal process prove that MSDI and GIS can and are being used to support core business processes. It is difficult to quantify whether quality and efficiency have been improved.</p>
<p>Milestone 4.1.2: A presentation of the results of one or more demonstration project complete with maps, tabular reports, and other appropriate analytical results to the Council, the Department and the Governor.</p>	<p>FWP presented multiple deliverables of the Wildlife Corridor project to MLIAC and the Governor</p>
<p>Milestone 4.1.3: The development of communication outreach materials to support funding requests and other efforts to promote the collection, standardization, maintenance and distribution of digital land information.</p>	<p>A draft Cadastral Return on Investment document has been completed</p>
<p><b><i>Objective 4.2 – Encourage partnerships that bridge the technological divide through inter-sector collaboration.</i></b></p>	
<p>Milestone 4.2.1: The implementation of at least one regional GIS center that promotes a federated approach to Montana GIS by providing technical and policy approaches that expand GIS opportunities. A regional GIS center must include local and/or tribal partners.</p>	<p>No MLIA grant applications for regional centers were received. One MLIA regional planning grant application was not funded</p>
<p>Milestone 4.2.2: The implementation of at least one partnership project between tribal jurisdiction and a state or local agency.</p>	<p>The Salish Kootenai Battleground project is a partnership with the State Historic Preservation Office</p>
<p>Milestone 4.2.3: At least three partnerships between data producers and the Montana GIS Portal at the Montana State Library are established and standardized metadata records are registered at the portal. All grants with a data component shall be required to register that data with the Montana GIS Portal.</p>	<p>There were no MLIA grant applications received for metadata partnerships with MSL. Most MSDI efforts receiving MLIA funding are registered with the portal.</p>

Milestone 4.2.4: The federal/state partnership effort to create a two-way data exchange of geographic name information continues to move forward.

The GNIS data exchange effort proceeded during the year with monthly phone calls between state and federal partners. There are proposed solutions but no implementation at this time